

Rooney John R.  
Form 3/A  
April 14, 2010

**FORM 3 UNITED STATES SECURITIES AND EXCHANGE COMMISSION**  
**Washington, D.C. 20549**

OMB APPROVAL

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**INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES**

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934,  
Section 17(a) of the Public Utility Holding Company Act of 1935 or Section  
30(h) of the Investment Company Act of 1940

(Print or Type Responses)

|  |         |   |  |   |
|--|---------|---|--|---|
| 1. Name and Address of Reporting Person *              |         | 2. Date of Event Requiring Statement  | 3. Issuer Name <b>and</b> Ticker or Trading Symbol       |   |
| Â Rooney John R.                                       |         | (Month/Day/Year)  | GASTAR EXPLORATION LTD [GST]                             |   |
| (Last)   | (First) | (Middle)  | 02/13/2010   |   |
| 1331 LAMAR, SUITE 1080                                 |         | 4. Relationship of Reporting Person(s) to Issuer  |  |   |
| (Street)   |         | (Check all applicable)  |  |   |
| HOUSTON, Â TX Â 77010                                  |         | <input checked="" type="checkbox"/> Director <input type="checkbox"/> 10% Owner<br><input type="checkbox"/> Officer <input type="checkbox"/> Other<br>(give title below)    (specify below) |  |   |
| (City)   | (State) | (Zip)   | 5. If Amendment, Date Original Filed(Month/Day/Year)     |   |
|  |         |   | 01/20/2010   |   |
| 1. Title of Security (Instr. 4)                        |         | 2. Amount of Securities Beneficially Owned (Instr. 4)   | 3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5) | 4. Nature of Indirect Beneficial Ownership (Instr. 5) |
| No securities owned at the time the original was filed |         | 0   | D  | Â   |

**Table I - Non-Derivative Securities Beneficially Owned**

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

SEC 1473 (7-02)

**Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number.**

**Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)**

|  |  |   |  |  |   |
|--|--|---|--|--|---|
| 1. Title of Derivative Security (Instr. 4) | 2. Date Exercisable and Expiration Date (Month/Day/Year) | 3. Title and Amount of Securities Underlying Derivative Security (Instr. 4) | 4. Conversion or Exercise Price of Derivative Security | 5. Ownership Form of Derivative Security: Direct (D) | 6. Nature of Indirect Beneficial Ownership (Instr. 5) |
|  |  | Title   |  |  |   |

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|                     |                    |                                  |                                  |
|---------------------|--------------------|----------------------------------|----------------------------------|
| Date<br>Exercisable | Expiration<br>Date | Amount or<br>Number of<br>Shares | or Indirect<br>(I)<br>(Instr. 5) |
|---------------------|--------------------|----------------------------------|----------------------------------|

## Reporting Owners

| Reporting Owner Name / Address                                | Relationships |           |         |       |
|---|---------------|-----------|---------|-------|
|   | Director      | 10% Owner | Officer | Other |
| Rooney John R.<br>1331 LAMAR, SUITE 1080<br>HOUSTON, TX 77010 | X             | ^         | ^       | ^     |

## Signatures

/s/ Michael A. Gerlich, Attorney  
in Fact

04/14/2010

\_\_Signature of Reporting Person

Date

## Explanation of Responses:

- \* If the form is filed by more than one reporting person, *see* Instruction 5(b)(v).
- \*\* Intentional misstatements or omissions of facts constitute Federal Criminal Violations. *See* 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

^

### Remarks:

This amendment is filed solely to file the Power of Attorney, filed herewith as Exhibit 24.

### Exhibit List

Exhibit 24 - Power of Attorney

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *See* Instruction 6 for procedure.  
Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.